

Converting Colors

Hex(87C29F)

Have a look what the booklet for
Hex(87C29F) contains.

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Color

Hex(87C29F)

Conversions

Conversions Part 1

Format	Color
Hex	87C29F
RGB	135, 194, 159
RGB Percent	53%, 76%, 62%
CMY	0.4706, 0.2392, 0.3765
CMYK	0.30, 0.00, 0.18, 0.24
HSL	144°, 33%, 65%
HSV	144°, 30%, 76%
XYZ	35.5415, 46.2377, 39.8524
YIQ	172.3690, -23.9290, -23.3930

Conversions

Conversions Part 2

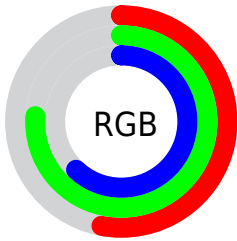
Format	Color
RYB	135, 177, 194
Decimal	8897183
CIELab	73.70, -26.41, 11.59
CIElCh	74, 28.846, 156.308
Yxy	46.2377, 0.2922, 0.3801
Android (android.graphics.Color)	4287087263 (0xFF87C29F)
YUV	172.3690, -6.5909, -32.7726
Hunter-Lab	67.9983, -25.6983, 12.8501

Details

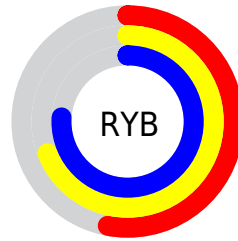
The Hex color **87C29F** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C287AA**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **BEFBD6**, and **538C6C** is the 20% darker color. If you saturate the color by 10%, you get **74C293**, and if you desaturate by 10%, it is **9AC2AB**.

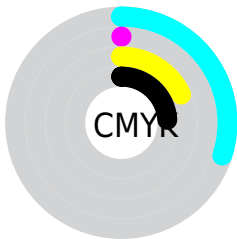
Distribution



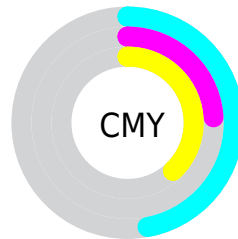
- Red (53%)
- Green (76%)
- Blue (62%)



- Red (53%)
- Yellow (69%)
- Blue (76%)



- Cyan (30%)
- Magenta (0%)
- Yellow (18%)
- Black (24%)



- Cyan (47%)
- Magenta (24%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87C29F changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 87C29F by changing the saturation by 10% instead.



87C29F



87C29F

FFFFFF



6DA785



BEFBD6



538C6C



DAFFF2



3A7253



F7FFFF



20593C



024226



002B12



001500



000000



87C29F



87C29F

 74C293

 9AC2AB

 60C288

 AEC2B6

 4DC27C

 C1C2C2

 39C271

 D5C2CD

 26C265

 E8C2D9

 13C25A

 FBC2E4

 00C24F

 FFC2F0

 FFC2FB

 FFC2FF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A6BD8A



87C29F



6DC4BA

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87C29F



9CB6E9



E8A597

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



87C29F



C287AA

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E9A2B0



87C29F



C0ACE0

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87C29F



78BEE5



DCA5CB



DAAC85

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87C29F



64C3CC



DCA5CB



EAA39F

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



87C29F



E6FCEF



AAC287



718077



000000



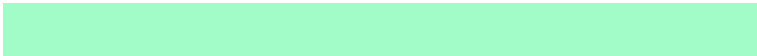
808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



87C29F



A2FCC7



87C2BC



57615B



00A141



00210D

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



C287AA



FCA2D7



C2878D



61575D



A1005F



210014

Previews

White Background



This preview shows how the Hex color 87C29F looks on a white background.

Color Contrast Check

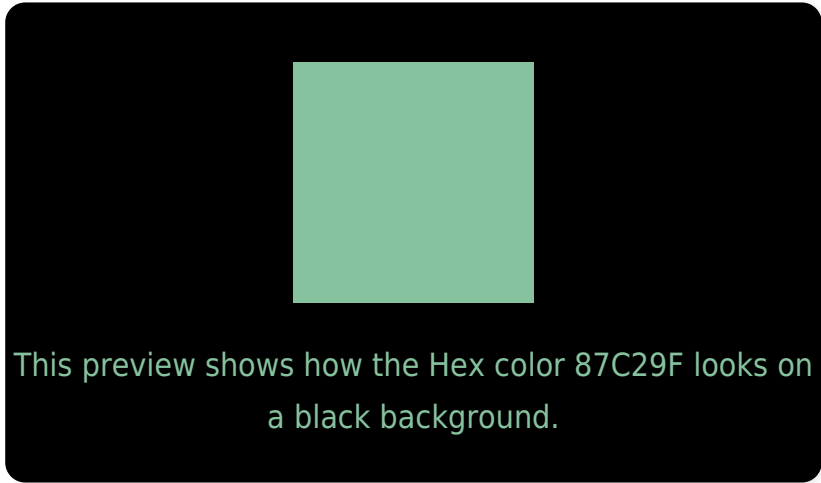
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

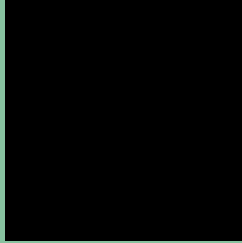
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 87C29F Background



This preview shows how black text looks on a background with the Hex color 87C29F.

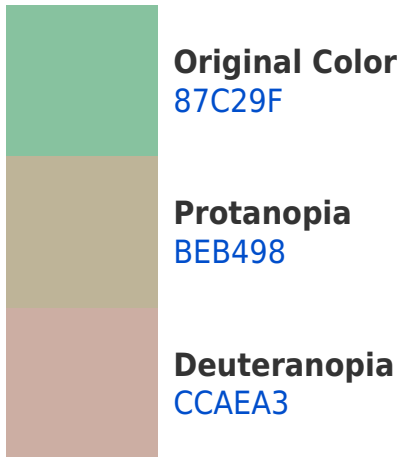


This preview shows how white text looks on a background with the Hex color 87C29F.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

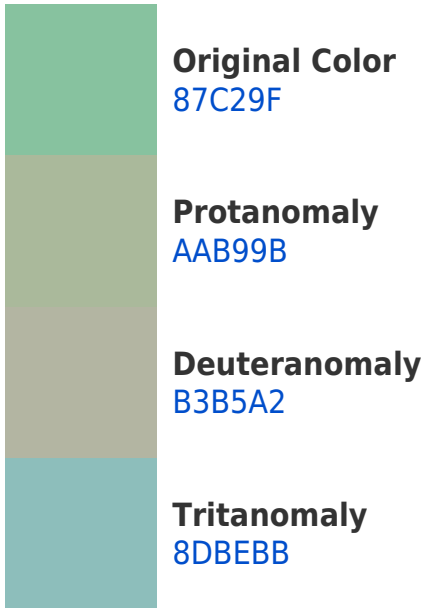
Dichromacy



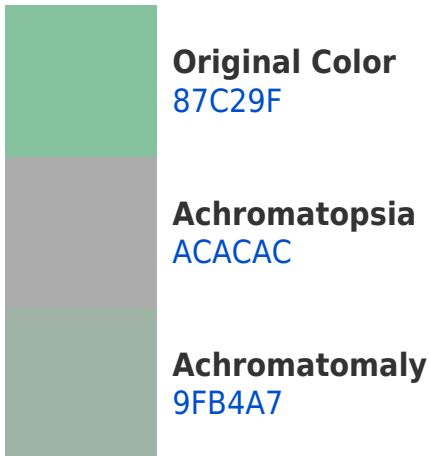


Tritanopia
90BCCB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87C29F is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #87C29F looks like.

```
.text, #text, p{  
    color:#87C29F  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #87C29F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87C29F
}
```

Border

The CSS property to change the border of an element to Hex 87C29F is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87C29F }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#87C29F }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #87C29F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87C29F; -webkit-box-shadow:4px 4px  
4px 4px #87C29F; box-shadow:4px 4px 4px  
4px #87C29F }
```

Background

The CSS property to change the background color of an element to Hex 87C29F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87C29F }
```

If only the background color should be changed can be used:

```
.background{ background-color:#87C29F }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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